

✓ substrate;

a zone including said at least one track therein;

wherein said zone stores a lookup table having information about edge shifting of at least one of a leading and trailing edge of at least one recording pulse.

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D 7. A recording medium according to claim 6, wherein said lookup table includes a list of values which are determined by combinations of a length  $M(n)$  of a mark being currently written and at least one of a length  $s(n-1)$  of a space precedent to the mark and a length  $s(n+1)$  of a space subsequent to the mark, and which can be positive and negative.

8. A recording medium according to claim 6, wherein said lookup table includes information about edge shifting of at least one of a leading and trailing edge of one recording pulse for recording a mark  $3T_w$  long.

5027 9. A recording medium according to claim 6, wherein said lookup table includes information about edge shifting of a leading edge of a first recording pulse and a trailing edge of a last recording pulse of a plurality of recording pulses.

10. A recording medium according to claim 6, wherein

said lookup table includes information about edge shifting of a leading and trailing edge of a first recording pulse and a trailing edge of a last recording pulse of a plurality of recording pulses.

11. A recording medium according to claim 6, wherein said lookup table includes information about edge shifting of a leading edge of a first recording pulse and a leading and trailing edge of a last recording pulse of a plurality of recording pulses.

A 12. A recording medium according to claim 6, wherein said lookup table includes information about edge shifting of a leading and trailing edge of each of first and a last recording pulse of a plurality of recording pulses.

13. A recording medium according to claim 6, wherein said lookup table includes information about edge shifting of a leading edge of a first recording pulse of a plurality of recording pulses.

14. A recording medium according to claim 6, wherein said lookup table includes information about edge shifting of a leading and trailing edge of a first recording pulse of a plurality of recording pulses.

15. A recording medium according to claim 6, wherein said lookup table includes information about edge shifting of a trailing edge of a last recording pulse of a plurality of recording pulses.

16. A recording medium according to claim 6, wherein said lookup table includes information about edge shifting of a leading and trailing edge of a last recording pulse of a plurality of recording pulses.

17. A recording medium use with an information recording apparatus which has a timing adjusting controller to adjust a timing of a recording pulse comprising:

A<sup>1</sup>  
a disk-like substrate;  
at least one track being provided on the disk-like substrate;  
B  
a zone including said at least one track;  
wherein said zone stores information relating to a predetermined timing of a pulse for said recording medium which is detected by said apparatus.

18. A recording apparatus for recording information on a recording medium comprising:

a detector which detects information stored on the recording medium relating to a predetermined timing of a